APR 22 2004 S

PTO/SB/08a/b (08-03)
Approved for use through 07/31/2005. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

TRANFAIN Unider the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete If Known Substitute for form 1449A/B/PTO 10/613,523 Application Number INFORMATION DISCLOSURE Filing Date July 2, 2003 STATEMENT BY APPLICANT First Named Inventor Hisanobu Kanamaru 3725 Art Unit (Use as many she ets as necessary) Examiner Name Jones, David B 09637/000M888-US0 Sheet Attomey Docket Number

U.S. PATENT DOCUMENTS								
Examiner initials*	Cite No.1	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			

	FOREIGN PATENT DOCUMENTS								
Examiner	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines,				
Initials	No.	Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Date MM-OD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T ⁶			
HEL	BE	JP-09-174289-A1	07-08-1997	Aida Engineering Ltd.					
	BF	JP-11-090691-A1	04-06-1999	Aida Engineering Ltd.					
	BG	DE-100 43 007-A1	03-14-2002	Ortlinghaus Werke GmbH		Γ			
1	ВН	GB-2 258 186-A1	02-03-1993	Hadley Ind Plc					
AU	BI	JP-61-092800-A1	05-10-1986	Tamagawa Kikai KK					

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation designation number (optional). *See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. *Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	Cite. No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²			

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(W:\096 | Date | 10/25/06 | Considered | 10/25/06

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Approved for use through 05/31/2003. OMB 0551-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Spond in a collection of information unless it dischars a valid DNR control or valid.

Sub	stitute for form 1449/PTO			Complete If Known		
				Application Number	Not Yet Assigned	
- IN	IFORMATIO	N DISC	CLOSURE	Filing Date	Concurrently Herewith	
S	TATEMENT	BY AF	PLICANT	First Named Inventor	Hisanobu Kanamaru	
				Art Unit	N/A	
	(use as many s	heels as ned	essary) ————————————————————————————————————	Examiner Name	Not Yet Assigned	
Sheet	1	of	1	Attorney Docket Number	9637/0M888US0	

U.S. PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			

L					FOREI	GN PATENT	DOCUMENTS		
l,	van	nin		Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines,	
	examiner Cite		Country Code ³ -Number ⁴ -Kind Code ⁶ (# known)	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	ಗ್		
K	Ħ	7	乀	ВА	JP-06-063799	03-08-1994	Aida Engineering Ltd.		-
Ľ	0	1	\checkmark	B8	JP-11-033797	02-09-1999	Amada Co., Ltd.		Г
L	_	12		ВС		06-03-1994	Komatsu Ltd.		<u> </u>
L	M	e	1	В	JP-10-314996	12-02-1998	Aida Engineering Ltd.		

"EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must procede the application number of the patent document. 'Kind of document by the appropriate symbots as indicated on the document under WIPO Standard ST. 16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.

	NON PATENT LITERATURE DOCUMENTS							
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²					
NOL	CA	Patent Abstracts of Japan for JP06-063799 published on March 8, 1994.	1					
125	CB	Patent Abstracts of Japan for JP11-033797 published on February 9, 1999.	11					
1/1	CC	Patent Abstracts of Japan for JP06-155099 published on June 3, 1994.	11					
18P/2	CD	Patent Abstracts of Japan for JP10-314996 published on December 2, 1998.	١ì					

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Examiner Date Signature Considered

^{&#}x27;Applicant's unique citation designation number (optional). 'Applicant is to place a check mark here if English language Translation is attached.

Sheet

of

PTO/SB/08a/b (07-05)
Approved for use through 07/31/2008. OMB 0851-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

09637/000M888-US0

Under the Peparwork Reduction Act of 1995, no persons are require	d to respond to a collection of	information unique à contains a valid OMB control num	06f.
ubstitute for form 1449A/B/PTO			
	Application Number	10/613,523-Conf. #4557-AX-F	
NFORMATION DISCLOSURE	Filing Date	July 2, 2003	A CEIVED
STATEMENT BY APPLICANT	First Named Inventor	Hisanobu Kanamaru MAR	3 1 2006
	Art Unit	3725 3663 / WAI	3 1 2006
' - (Use as many sheets as necessary)	Examiner Name	D. B. Jones H. C. KEEINE	PETITIONS
		- OITIOL I	24 LELLIONO

Attorney Docket Number

U.S. PATENT DOCUMENTS								
Examiner Initials*	Cite No.'	Document Number Number-Kind Code ² (# known)	Publication Date MM-DO-YYYY	Name of Palentiae or Applicant of Cited Document	Pagas, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			

FOREIGN PATENT DOCUMENTS							
Examine/	Cite	Foreign Pistant Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages	T⁴	
Initiats	. No.	Country Code ³ -Number ⁴ -Kind Code ⁸ (if known)	MM-DD-YYYY	Applicant of Cited Document	or Relevent Figures Appoint		
DU	AA_	EP-1 075 931 A2	02-14-2001	KAISER KG OTTO (DE)			

"EXAMINER: Initial if reference considered, whother or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. "Applicants unique citation designation number (options). "See Kinds Codes of USPTO Petent Documents at www.usoto.gov.com/PEP 901.04. "Empro Office that issued the document, by the two-lotter code (WIPO Standard ST.3). "For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document." Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if passible. Applicant is to place a check mark here if English language Translation is attached.

	NON PATENT LITERATURE DOCUMENTS	
Examiner Cite Initials No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), data, page(s), volume-issue number(e), publisher, city and/or country where published.	٣
EP//CA	English Abstract of EP 1075931A2	<u> </u>
CB	Examination Report from the European Patent Office dated 1/3/2008	<u> </u>

*EXAMINER; tritial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

W:1096 2 Deta 1925/06

^{&#}x27;Applicant's unique citation designation number (options). 'Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08a/b (07-05)

Approved for use through 07/31/2006. OMB 0551-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known Substitute for form 1449A/B/PTO Application Number 10/613,523-Conf. #4557 INFORMATION DISCLOSURE Filing Date July 2, 2003 STATEMENT BY APPLICANT First Named Inventor Hisanobu Kanamaru 3725 366 Art Unit (Use as many sheets as necessary) H. C. Le **Examiner Name** Sheet 1 09637/000M888-US0 Attorney Docket Number

U.S. PATENT DOCUMENTS								
Examiner Initials*	Cite No.¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.'	Foreign Patent Document Country Code ³ (il known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
						r		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Nind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²			
	СВ	Examination Report from the European Patent Office dated 1/3/2006 (4 pages)				

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.

Examiner Date Signature Considered

(\$00M888\$\JS0\00820869.DOC (EUDDELEEELIHHEED) }